



MIAMI-DADE COUNTY
 BUILDING CODE COMPLIANCE OFFICE (BCCO)
 PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
 METRO-DADE FLAGLER BUILDING

140 WEST FLAGLER STREET, SUITE 1603
 MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov

Rolladen, Inc.
550 Ansin Boulevard
Hallandale, Florida 33009

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Aluminum Accordion Shutter

APPROVAL DOCUMENT: Drawing No. 94-83, titled "ACCA Accordion Shutter Details", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, dated October 25, 1994, last revision #E dated July 12, 2006, signed and sealed by Humayoun Farooq, P.E. bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises** NOA # **03-0604.03** and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E.**



Helmy A. Makar
 08/10/2006

NOA No 06-0213.04
 Expiration Date: 09/25/2008
 Approval Date: 08/10/2006

Rolladen, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #97-0721.03

A. DRAWINGS

1. *Drawing No. 94-83, Rolladen, Inc., "Accordion Shutter Details", Sheets 1 through 4 of 4, prepared Al-Farooq Corporation, dated October 25, 1994, Revision A dated January 26, 1995, signed and sealed by Humayoun Farooq, P.E.*

B. TESTS

1. *Test report on Large Missile Impact Test and Cyclic Wind Pressure Test of "A.C.C.A." accordion shutter (95" Span), prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-94-210, dated July 25, 1994, signed and sealed by Hector M. Medina, P.E.*
2. *Test report on Large Missile Impact Test of "Accordion Shutter" (147.25" Span), prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-94-331i, dated October 11, 1994, signed and sealed by Hector M. Medina, P.E.*
3. *Test report on Large Missile Impact & Cyclic Wind Pressure Test of "Accordion Shutter" (98" Span), prepared by Hurricane Engineering & Testing Inc., Report No. HETI-94-351, dated October 24, 1994, signed and sealed by Hector M. Medina, P.E.*
4. *Test report on Uniform Static Air Pressure Test of "A.C.C.A." Accordion Shutter (98" Span), prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-94-200, dated July 19, 1994, signed and sealed by Arshad Viqar, P.E.*
5. *Test report on Uniform Static Air Pressure Test of "Accordion Shutter" (147.25" Span), prepared by Hurricane Engineering & Testing, Inc., Report No. HETI-94-331, dated October 11, 1994, signed and sealed by Hector M. Medina, P.E.*
6. *Test report on Uniform Static Air Pressure Test of "Accordion Shutter" (96" Span), prepared by Hurricane Engineering Inc., Report No. HETI-94-332, dated October 12, 1994, signed and sealed by Hector M. Medina, P.E.*
7. *Test report on Uniform Static Air Pressure Test of "Accordion Shutter" (120" Span), prepared by Hurricane Engineering & Testing Inc., Report No. HETI-94-334, dated October 13, 1994, signed & sealed by Hector Medina, P.E.*
8. *Test report on Uniform Static Air Pressure Test of "Accordion Shutter" (104" Span), prepared by Hurricane Engineering & Testing Inc., Report No. HETI-94-342, dated October 19, 1994, signed and sealed by Hector M. Medina, P.E.*

C. CALCULATIONS

1. *Anchor analysis dated November 10, 1994, Sheets A-1 through A-25, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 06-0213.04
Expiration Date: 09/25/2008
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Rolladen, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Inspection No. 4541, issued by the William L. Bonnell Co., Inc. dated July 18, 1994 with chemical composition and mechanical properties of aluminum alloy extruded part No. Q18735-01.*
2. *Certified Tensile Test Report from independent lab Hurricane Engineering & Testing Inc., Report No. HETI-94-T14, dated August 16, 1994 for aluminum accordion sample.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 00-0609.06

A. DRAWINGS

1. *None.*

B. TESTS

1. *See original approved file #97-0721.03.*

C. CALCULATIONS

1. *See original approved file #97-0721.03.*

D. MATERIAL CERTIFICATIONS

1. *See original approved file #97-0721.03.*

E. STATEMENTS

1. *Letter by Al-Farooq Corporation, dated March 9, 2000, signed and sealed by Humayoun Farooq, P.E., certifying that he is still in the engineering business.*
2. *Letter by Rolladen, Inc., dated May 22, 2000, signed by Terry D. Low, certifying that no changes or alterations have been made to the Product Approval #94-1201.06.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0604.03

A. DRAWINGS:

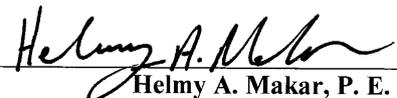
1. *Drawing No. 94-83, titled "Accordion Shutter Details", sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, dated October 25, 1994, last revision #C dated October 23, 2003, signed and sealed by Humayoun Farooq, P.E.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *Anchor analysis, 41 pages, dated April 28, 2003, prepared by Al-Farooq Corp., signed and sealed by Humayoun Farooq, P.E.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 06-0213.04

Expiration Date: 09/25/2008
Approval Date: 08/10/2006

Rolladen, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION:

1. *None.*

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS:

1. *Drawing No. 94-83, titled " ACCA Accordion Shutter Details ", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, dated October 25, 1994, last revision #E dated July 12, 2006, signed and sealed by Humayoun Farooq, P.E.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

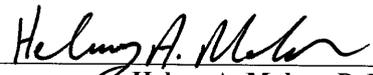
1. *Anchor analysis, 66 pages, dated January 31, 2006, prepared by Al-Farooq Corp., signed and sealed by Humayoun Farooq, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION:

1. *None.*



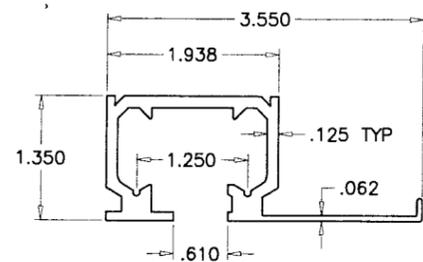
Helmy A. Makar, P. E.

Product Control Examiner

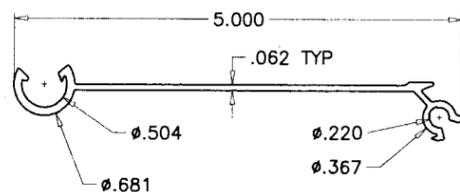
NOA No 06-0213.04

Expiration Date: 09/25/2008

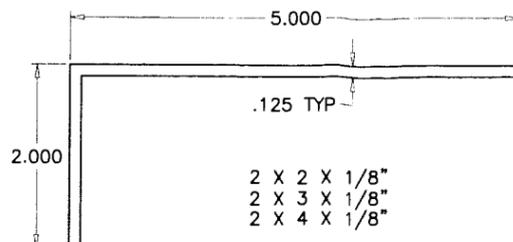
Approval Date: 08/10/2006



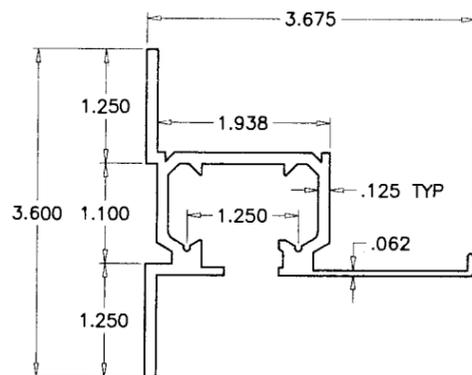
INSIDE MOUNT HEADER & SILL
6063-T6
RON-90



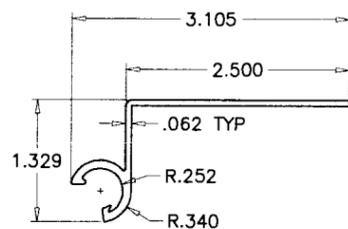
BLADE
6063-T6



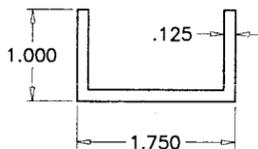
BUILT-OUT ANGLES
6063-T6



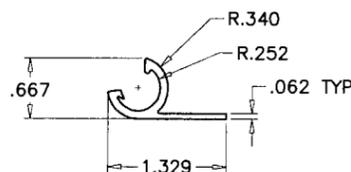
WALL MOUNT HEADER & SILL
6063-T6
RON-91



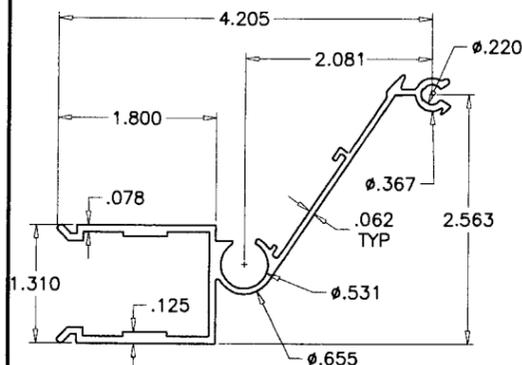
90° END SLAT
6063-T6
RON-93



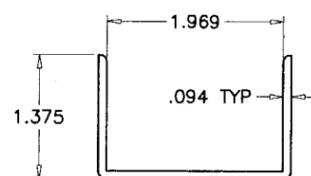
FLOOR SHOE
6063-T6
RON-1058



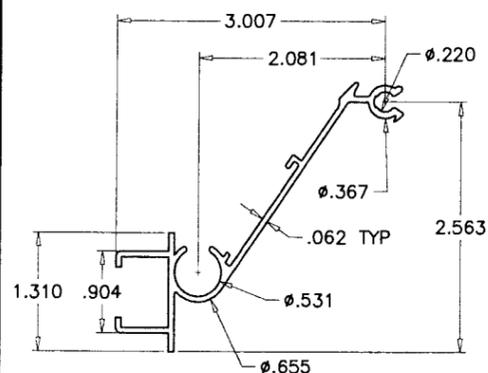
FLAT END SLAT
6063-T6
RON-94



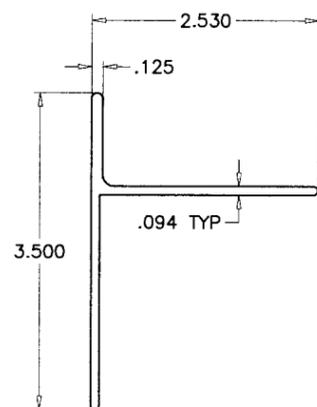
FEMALE LOCKING SLAT
6063-T6
RON-95



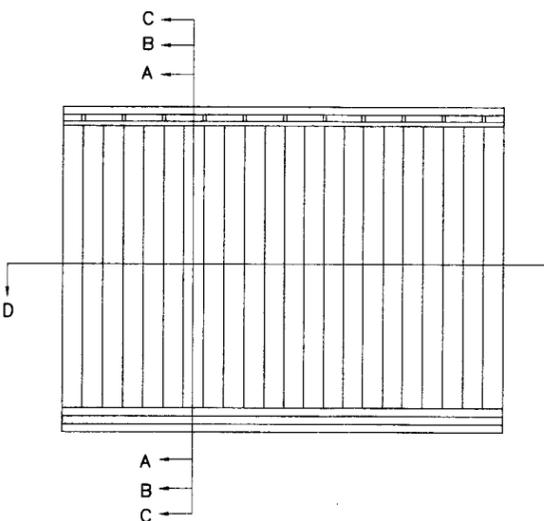
BOTTOM TRACK ADAPTER
6063-T6
RON-97



MALE LOCKING SLAT
6063-T6
RON-96



SILL BOTTOM ANGLE
6063-T6
RON-89

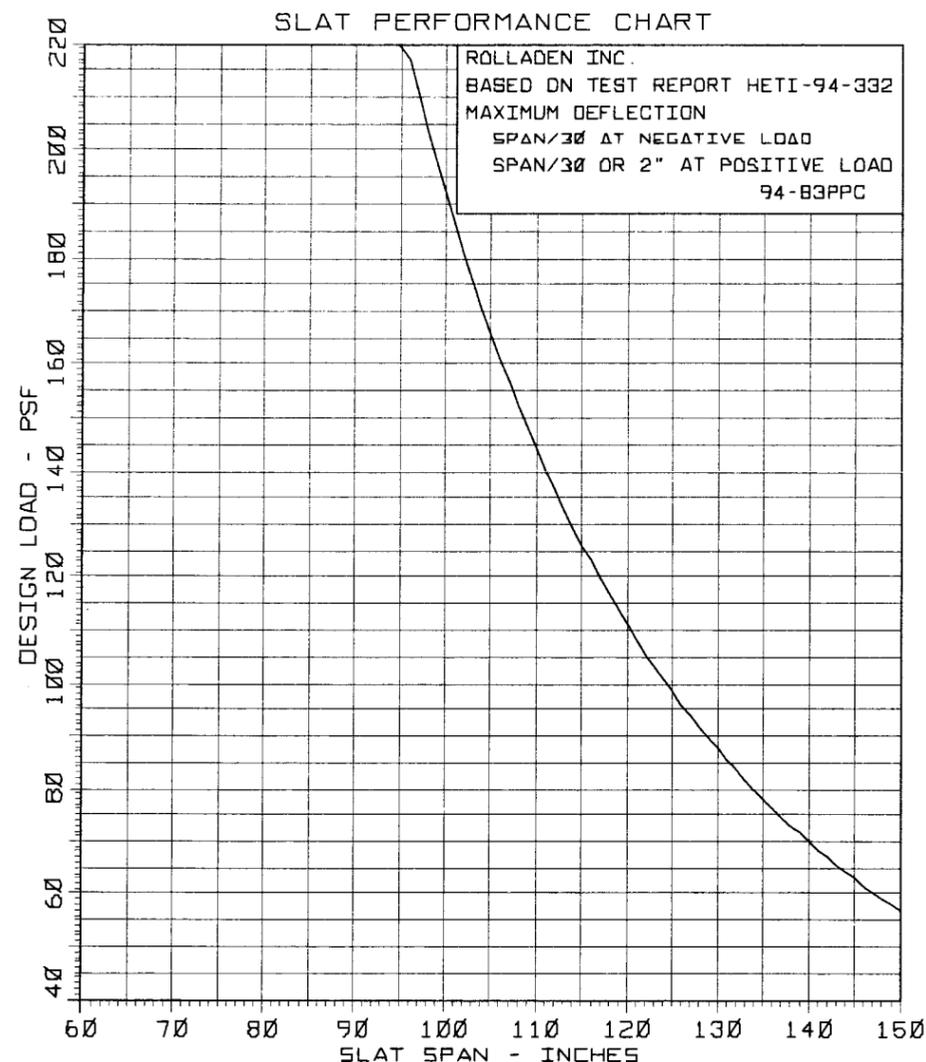


TYPICAL ELEVATION

GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE.
2. DESIGN CRITERIA FOR ALUMINUM, MINIMUM MECHANICAL PROPERTIES, AND SAFETY FACTORS ARE IN ACCORDANCE WITH THE "ALUMINUM CONSTRUCTION MANUAL" LATEST EDITION.
3. ALUMINUM ALLOYS: ALL EXTRUSIONS SHALL BE ALLOY AS SHOWN.
4. STEEL SURFACES TO BE PLACED IN CONTACT WITH ALUMINUM SHALL BE GIVEN ONE COAT OF ZINC CHROMATE PRIMER IN ACCORDANCE WITH FEDERAL SPEC. NO. TTP-645, OR BE GALVANIZED.
5. ANCHORS SHALL BE AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
6. ALL BOLTS SHALL BE STAINLESS STEEL, ALUMINUM ALLOY 2024-T4 OR 7075-T6, OR PLATED STEEL. WING NUTS TO BE OF ZINC ALLOY.
7. DESIGN CRITERIA FOR SLATS: MAX DEFLECTION $\leq L/30$ OR 2".
8. ANCHORING OR LOADING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
9. A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF WOOD ANCHORS ONLY.

FOR INSTALLATION DETAILS SEE SHEETS 2 THRU 4.



USE SLAT PERFORMANCE CHART TO VERIFY SLAT CAPACITY FOR THE REQUIRED DESIGN LOAD FOR THE PARTICULAR LOCATION.

PRODUCT MARKING

A LABEL SHALL BE AFFIXED ON LOCKING MEMBER OF UNIT ABOVE LOCK WITH THE FOLLOWING STATEMENT.

ROLLADEN INC., MIAMI, FL.
'MIAMI DADE COUNTY PRODUCT CONTROL APPROVED'

DESIGN LOADS SHALL BE CALCULATED AS PER REQUIREMENTS OF ASCE 7-02 AS REQUIRED BY BUILDING CODE.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

JUL 14 2006

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 06-0213.04
Expiration Date 09/25/2008
By: *Helmy A. M...*
Miami Dade Product Control Division

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
ACCORDION/94-83-NEW

ACCA ACCORDION SHUTTER DETAILS
ROLLADEN INC.
550 ANSIN BLVD.
HALLANDALE, FL. 33009
TEL. (954) 757-8591 FAX. (954) 454-1577

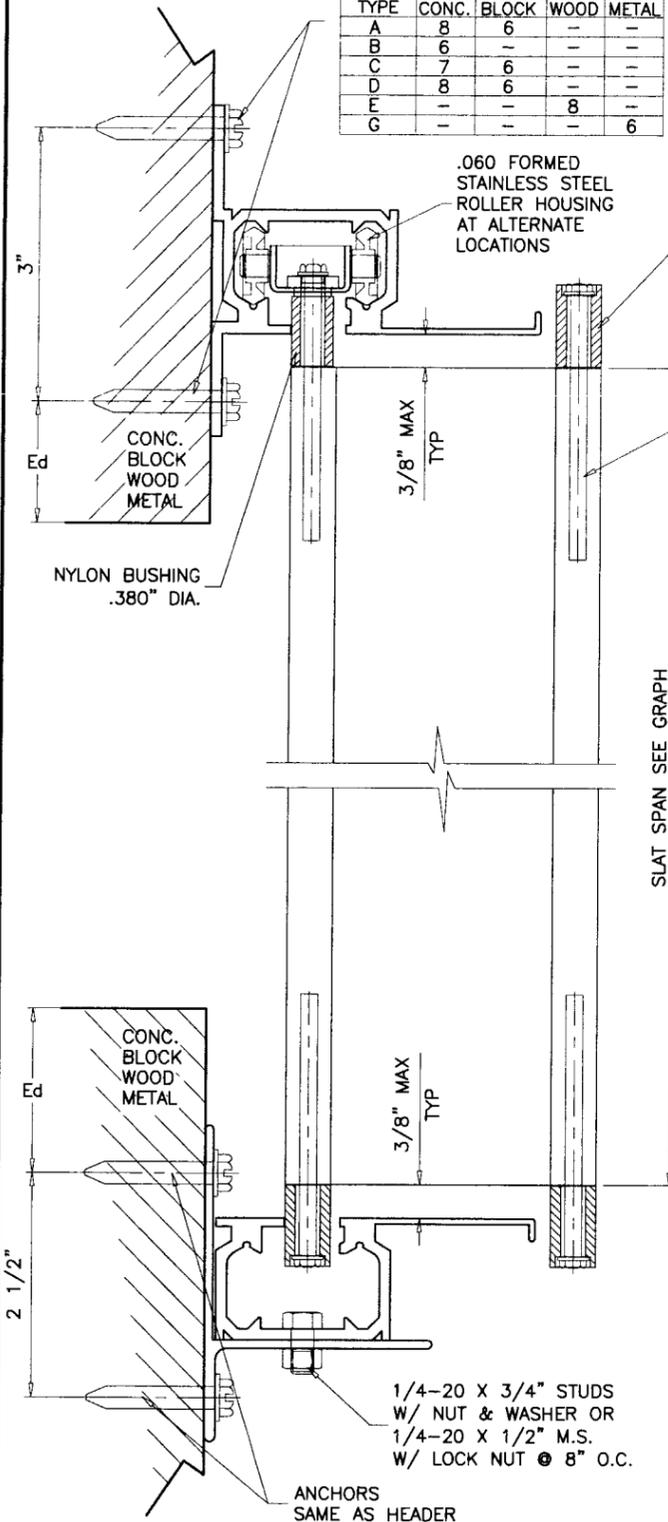
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A	1.26.95	H	SHEET 2 REVISED
B	05.23.03	H	UPDATED FOR FBC & NDS 97
C	10.23.03	H	REV. PER BCCO COMMENTS
D	11.05.05	H	UPDATED FOR 2004 FBC
E	07.12.06	H	REV. PER BCCO COMMENTS

revisions:
no date by description
A 1.26.95 H SHEET 2 REVISED
B 05.23.03 H UPDATED FOR FBC & NDS 97
C 10.23.03 H REV. PER BCCO COMMENTS
D 11.05.05 H UPDATED FOR 2004 FBC
E 07.12.06 H REV. PER BCCO COMMENTS

date: 10-25-94
scale: 1/2" = 1"
dr. by: HAM/D
chk. by:
drawing no. 94-83
sheet 1 of 5

WALL MOUNTS

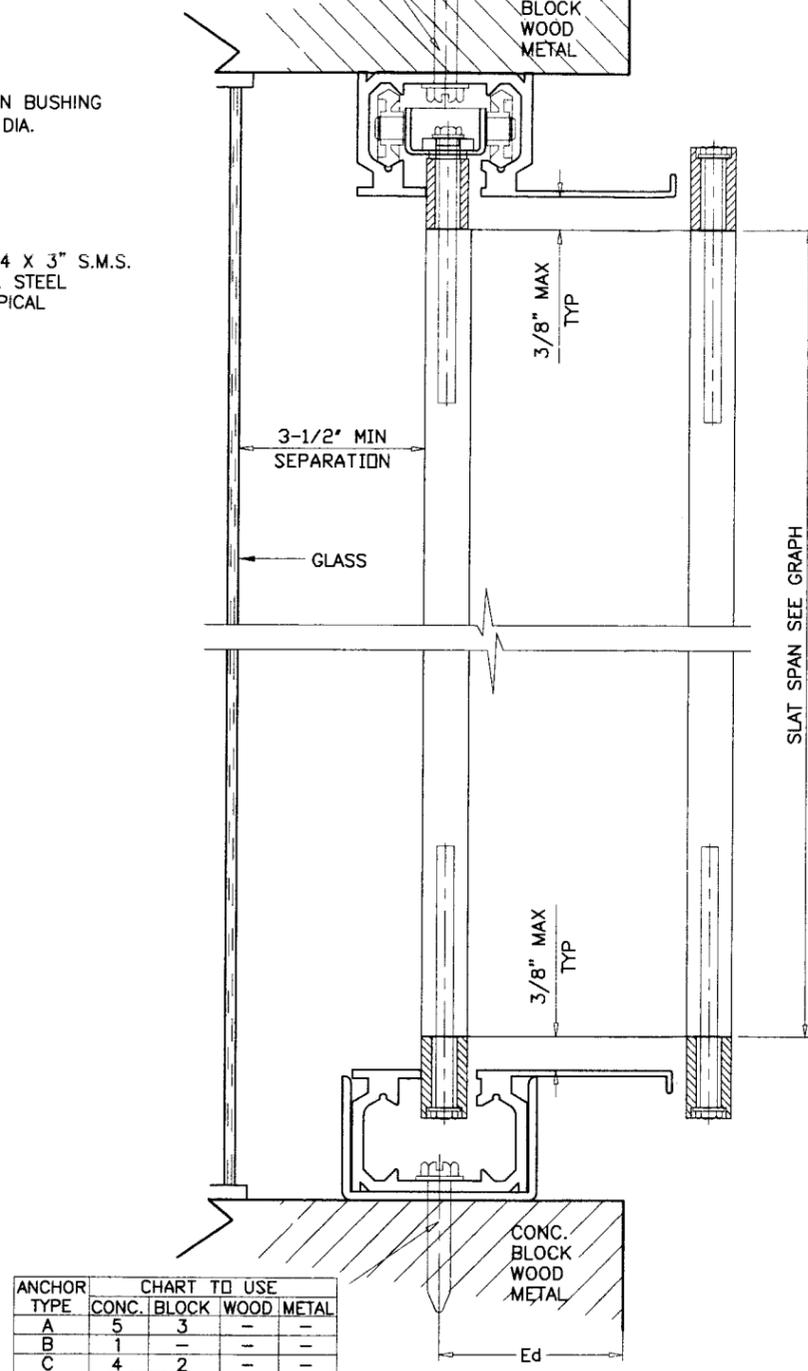
ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	8	6	-	-
B	6	-	-	-
C	7	6	-	-
D	8	6	-	-
E	-	-	8	-
G	-	-	-	6



SECTION A-A

INSIDE MOUNTS

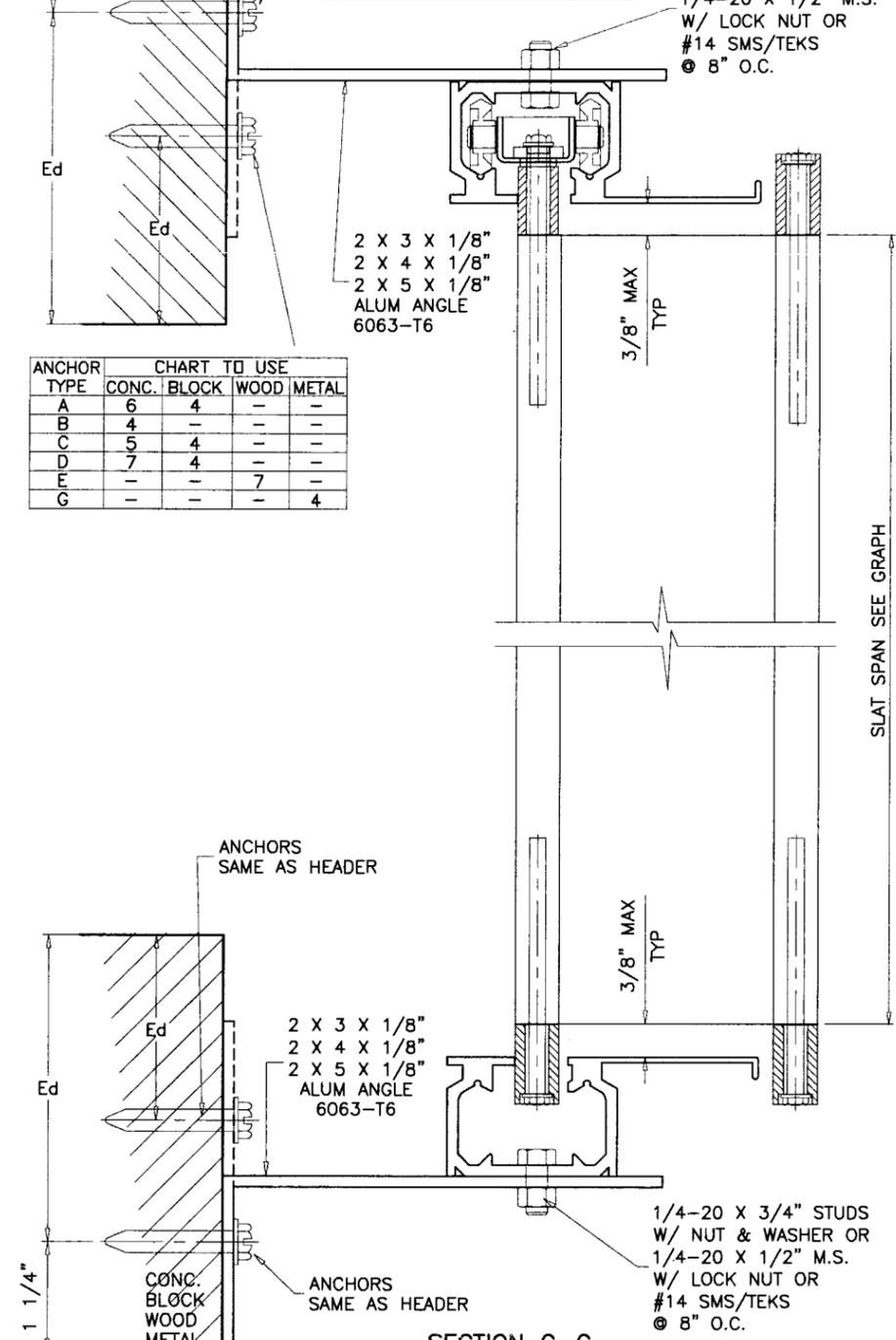
ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	5	3	-	-
B	1	-	-	-
C	3	2	-	-
D	5	1	-	-
E	-	-	4	-
G	-	-	-	3



SECTION B-B

BUILT-OUT CONDITION

ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	5	2	-	-
B	2	-	-	-
C	3	1	-	-
D	5	1	-	-
E	-	-	5	-
G	-	-	-	2



SECTION C-C

ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	5	3	-	-
B	1	-	-	-
C	4	2	-	-
D	5	2	-	-
E	-	-	4	-
G	-	-	-	4

Ed = TYPICAL EDGE DISTANCE
 CONC. & BLOCK = 12d (12 ANCHOR DIAMETERS)
 WOOD = 5d
 FOR LESSER EDGE DISTANCES SEE SHEET 5 OF 5.

ANCHORS: EMBEDMENT & EDGE DISTANCES SHOWN ARE BEYOND THE WALL & FLOOR COVERING (STUCCO, TILES, ETC.)
 HEADER AND SILL DETAILS CAN BE USED IN ANY COMBINATIONS.

FOR GENERAL NOTES AND EXTRUSION DETAILS SEE SHEET 1.

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 06-0213.04
 Expiration Date 09/25/2008
 By: *Helmy A. Matar*
 Miami Design Control Division

Helmy A. Matar
 JUL 14 2006

af c
AL-FAROOQ CORPORATION
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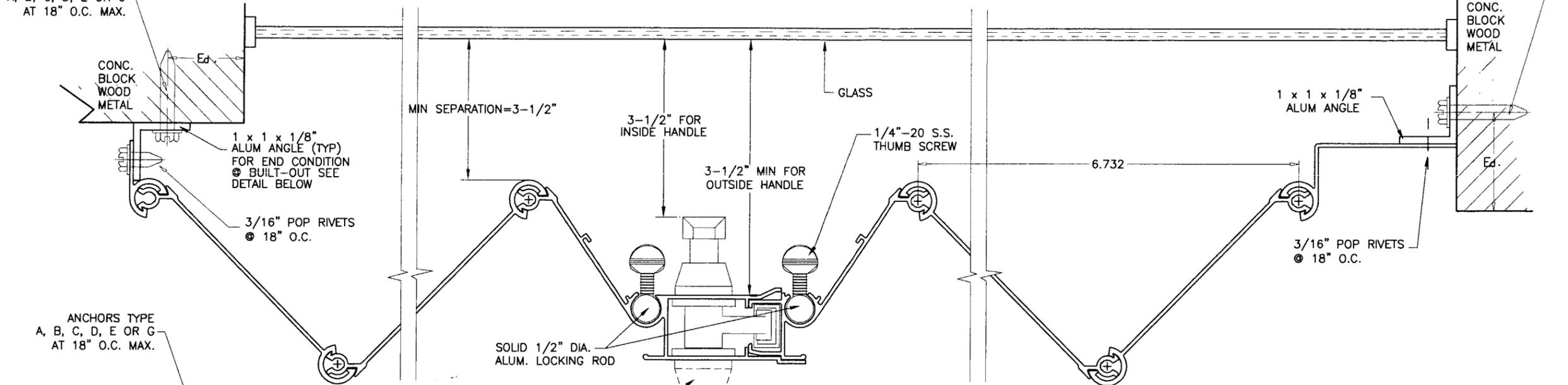
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A	1.26.95	H	SHEET 2 REVISED
B	05.23.03		ANCHOR CHARTS REV.
C	10.23.03		NO CHANGE THIS SHEET
D	11.05.05		UPDATED FOR 2004 FBC
E	07.12.06		REV. PER BCCO COMMENTS

date: 10-25-94
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
94-83
 sheet 2 of 5

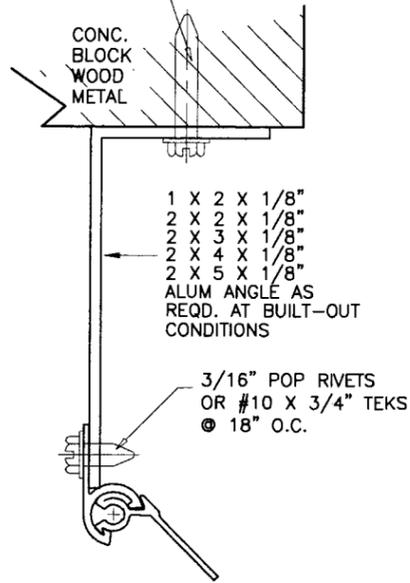
ANCHORS TYPE
A, B, C, D, E OR G
AT 18" O.C. MAX.

ANCHORS TYPE
A, B, C, D, E OR G
AT 18" O.C. MAX.



SECTION D-D

ANCHORS TYPE
A, B, C, D, E OR G
AT 18" O.C. MAX.



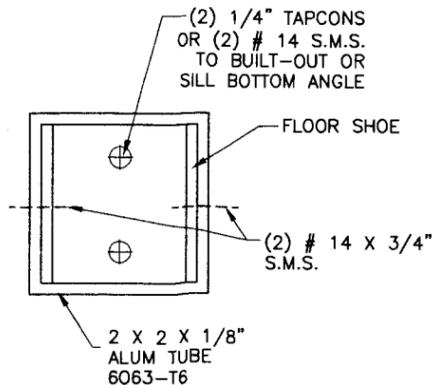
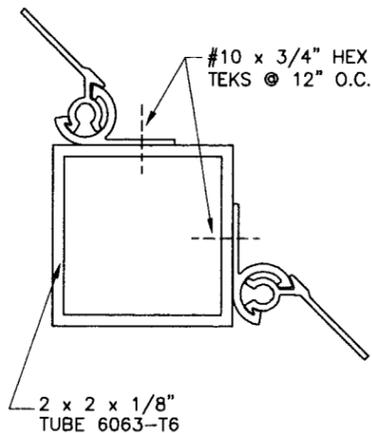
END CONDITION AT BUILT-OUT

- 1 X 2 X 1/8"
 - 2 X 2 X 1/8"
 - 2 X 3 X 1/8"
 - 2 X 4 X 1/8"
 - 2 X 5 X 1/8"
- ALUM ANGLE AS
REQD. AT BUILT-OUT
CONDITIONS

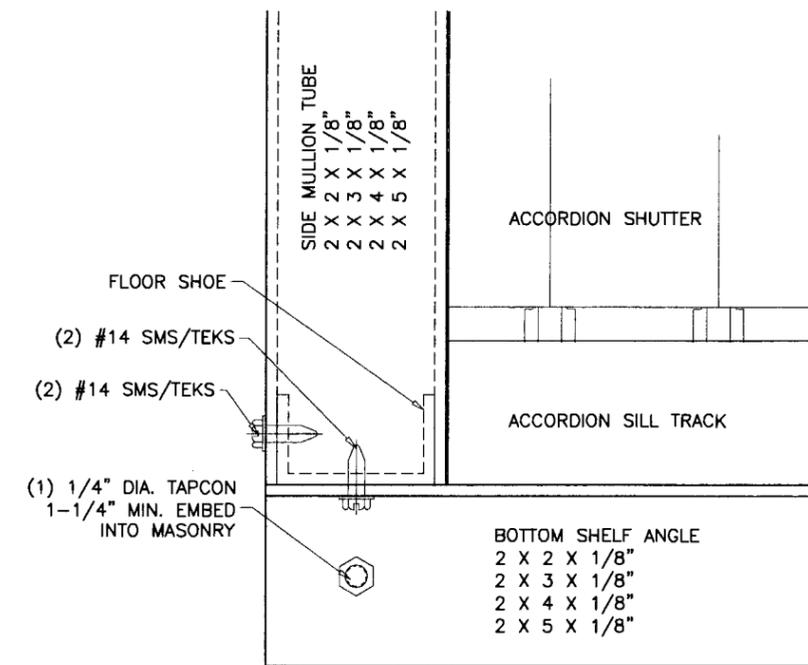
3/16" POP RIVETS
OR #10 X 3/4" TEKS
@ 18" O.C.

SOLID 1/2" DIA.
ALUM. LOCKING ROD

LOCK HANDLE CAN
BE INSTALLED
INSIDE OR OUTSIDE



TYPICAL CORNER
DETAILS



SIDE MULLION TO SHELF ANGLE CONNECTION

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

[Signature]

JUL 14 2006

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-0213.04
Expiration Date 09/25/2008

By *[Signature]*
Miami Data Product Control
Division

af c

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

ACCA ACCORDION SHUTTER DETAILS

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550 ANSIN BLVD.
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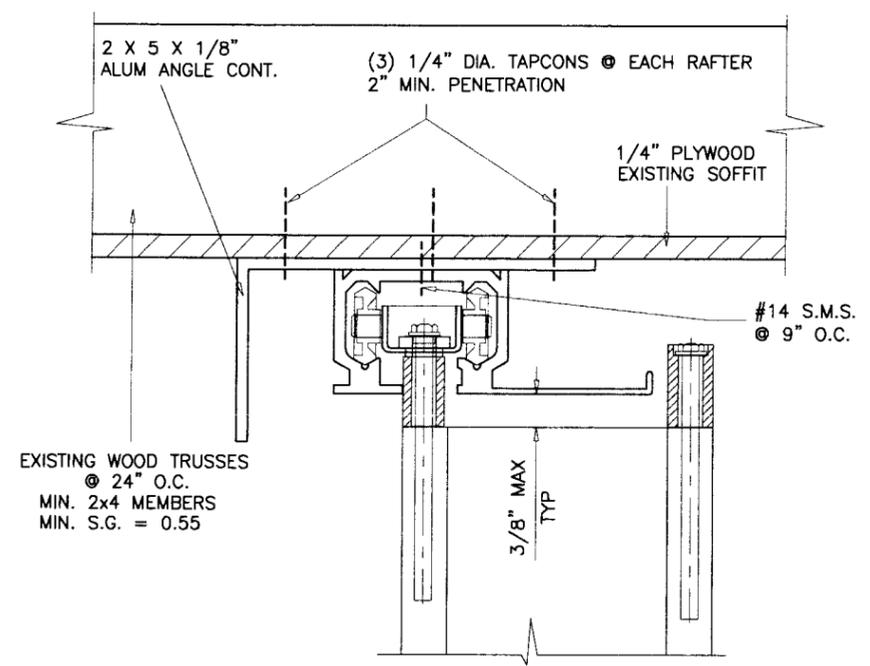
no	date	description
A	1.26.95	SHEET 2 REVISED
B	05.23.03	ANCHOR CHARTS REV.
C	10.23.03	NO CHANGE THIS SHEET
D	11.05.05	UPDATED FOR 2004 FBC
E	07.12.06	NO CHANGE THIS SHEET

date: 10-25-94
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

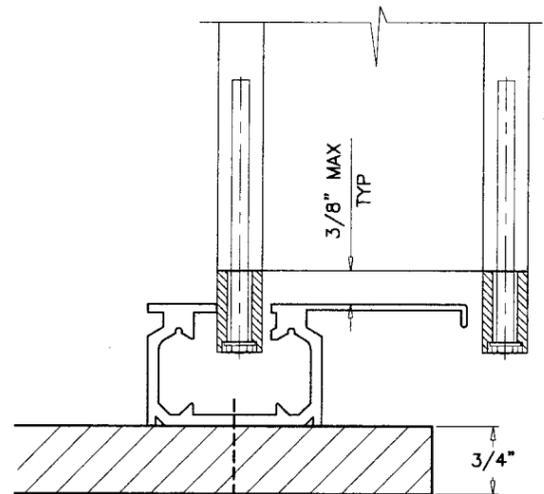
drawing no.
94-83
sheet 3 of 5

no	date	description
A	1.26.95	SHEET 2 REVISED
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revisions:
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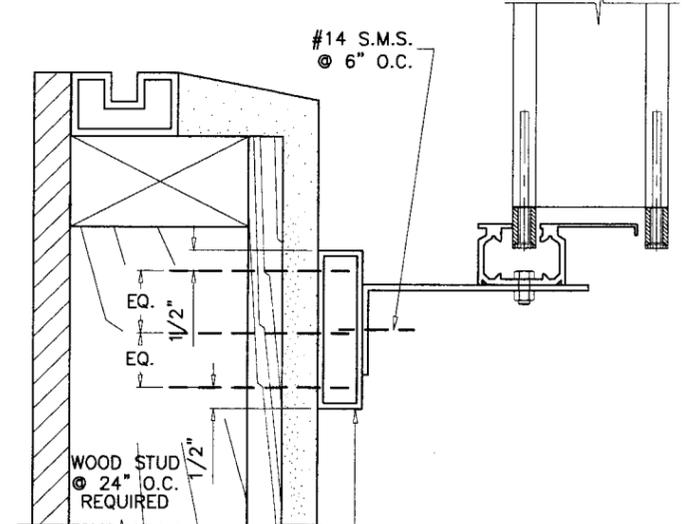


HEADER CONNECTION TO WOOD TRUSSES
 FOR SHUTTER HEIGHT OF 108" MAX. DESIGN LOAD = 74 PSF
 FOR SHUTTER HEIGHT OF 96" MAX. DESIGN LOAD = 83 PSF
 FOR SHUTTER HEIGHT OF 84" MAX. DESIGN LOAD = 95 PSF

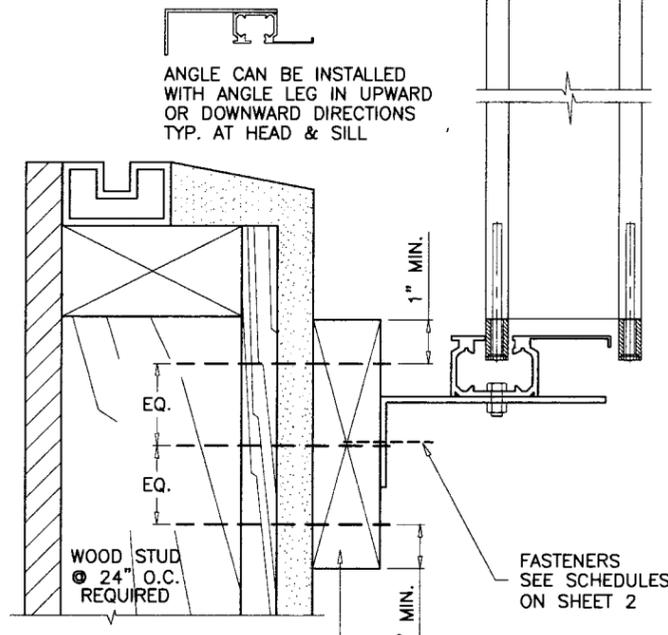
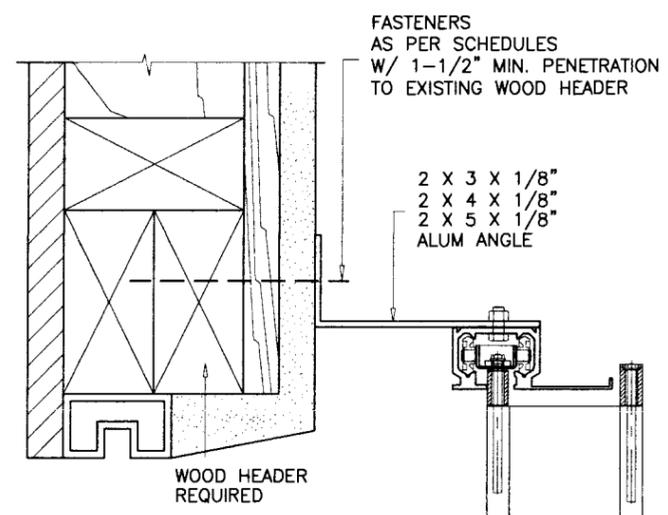


ANCHOR TYPE	ANCHOR SPACING INCHES					
	UPTO 40 PSF		UPTO 70 PSF		UPTO 104 PSF	
	CONC	BLK. WOODMETAL	CONC	BLK. WOODMETAL	CONC	BLK. WOODMETAL
A	16.3	8.1	9.3	4.7	6.3	3.1
B	8.4	-	4.8	-	3.2	-
C	10.2	7.8	5.8	4.5	3.9	3
D	19.6	6.6	11.2	3.8	7.6	2.5
E	-	23.3	-	13.3	-	9
G	-	-	11.2	-	6.4	4.3

COUNTER TOP CONDITION
 (PASS THRU WINDOW)
 MAX SHUTTER HEIGHT = 6 FT.
 MAX. DESIGN LOAD = 70 PSF

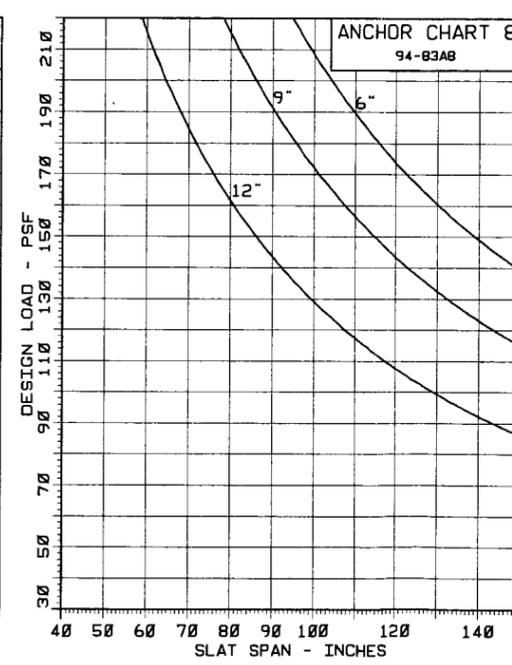
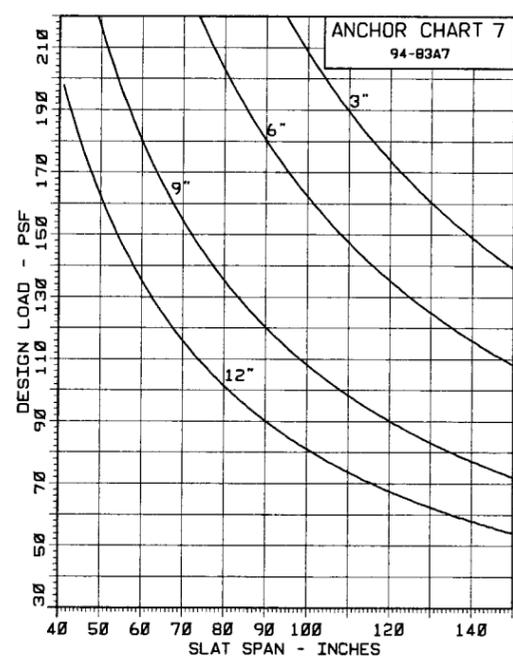
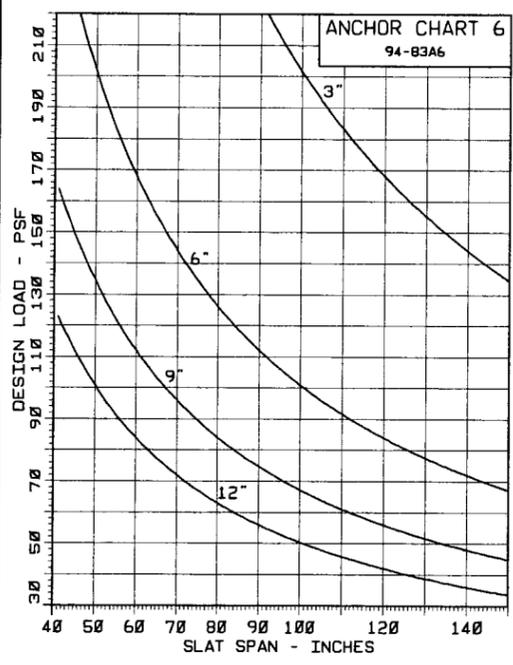
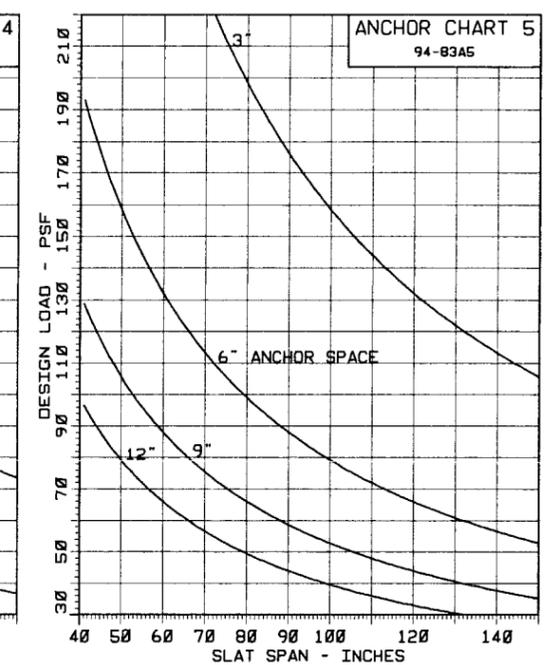
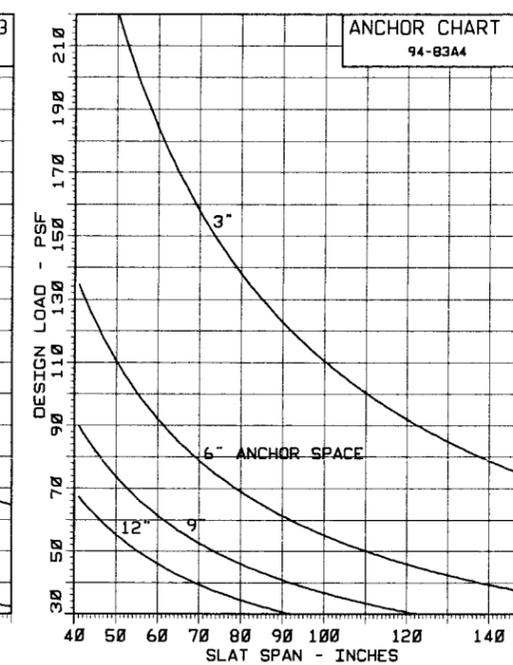
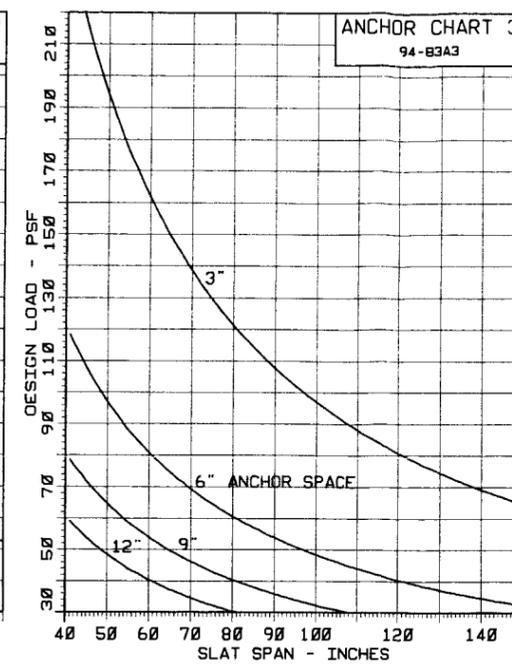
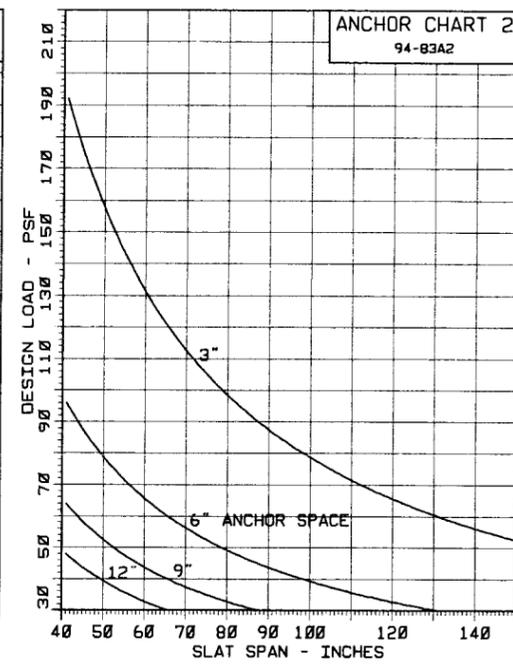
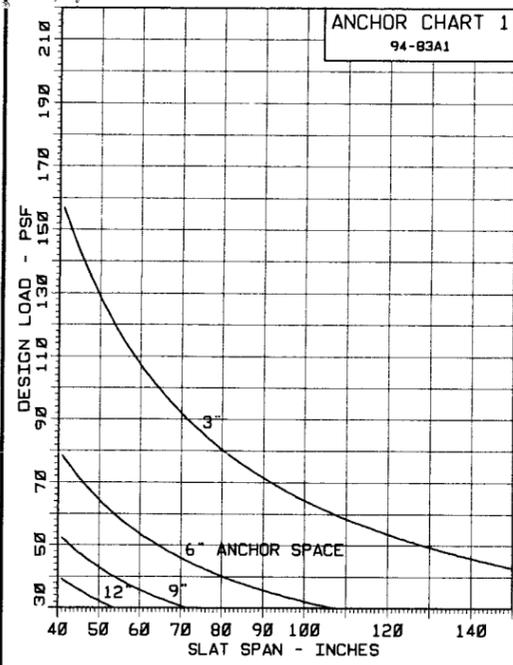


INSTALLATION DETAIL ON EXISTING WOOD BUCKS SCALE: 1/4"=1"
 FOR HEADER/SILL DETAILS CONNECTED TO CONTINUOUS WOOD MEMBERS SEE SHEET 2.



Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 JUL 14 2006

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 as complying with the Florida
 Building Code
 Acceptance No 06-0213.04
 Expiration Date 09/25/2008
 By Helmy A. Matar
 Miami Data Product Control
 Division



TYPICAL ANCHORS:

- ANCHOR (A) = 1/4" DIA. TAPCONS (BY ELCO)
1-3/4" EMBEDMENT INTO 3000 PSI CONC.
1-1/4" EMBEDMENT INTO C-90 BLOCK
- ANCHOR (B) = #14 SMS W/ RAWL SCRU-LEAD
1-1/2" EMBEDMENT INTO 3000 PSI CONC.
- ANCHOR (C) = 1/4" ZAMAK NAILIN
1" EMBED. INTO 3000 PSI CONC. OR BLOCK
- ANCHOR (D) = 1/4" RAWL CALK-IN
TOTAL ANCHOR BODY INTO 3000 PSI CONC.
OR C-90 BLOCK
- ANCHOR (E) = 1/4" DIA. TAPCONS
1-1/2" MIN PENETRATION INTO WOOD(S.G.=0.55)
- ANCHOR (G) = 1/4" DIA. KWIK-FLEX SELF DRILLING SCREWS
INTO METAL STRUCTURES
(STEEL OR ALUMINUM 1/8" MIN. THICK.)

NOTE: ANCHORS EMBEDMENT SHOWN IS BEYOND WALL & FLOOR COVERINGS (STUCCO, TILES, ETC.)

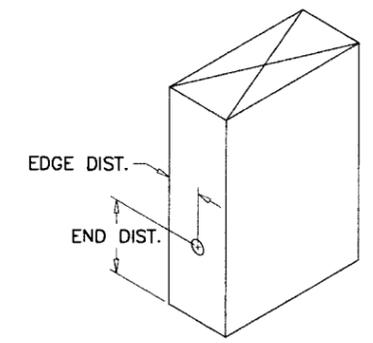
FASTENER SPACING IN MASONRY

CHARTS ARE BASED ON TYPICAL EDGE DISTANCE = 12d.
FOR LESSER EDGE DISTANCE DECREASE SPACING BY
MULTIPLYING WITH THE FACTOR BELOW

EDGE DIST.	12d=3"	10d=2-1/2"	8d=2"	6d=1-1/2"	5d=1-1/4"
FACTOR	1.00	0.86	0.71	0.57	0.50

EXAMPLE: FOR 3" EDGE DIST. SPACING = 12" O.C. (FROM CHART)
FOR 2" EDGE DIST. SPACING = 12 X .71 = 8.5 O.C.

TYPICAL EDGE DISTANCE IN WOOD = 3/4"
TYPICAL END DISTANCE IN WOOD = 1"
NO REDUCTION FACTOR IS REQUIRED



USE CHARTS 1 THRU 8 TO VERIFY ANCHOR REQUIREMENTS AND STRESS LIMITATIONS OF LOAD/SPAN COMBINATIONS FOR HEADER AND SILL.

Engr: DR. HUMAYOUN FAROOQ
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By: *Helmy H. Helmy*
Midwest Products Control
Division

afc

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
ACCORDION/94-83-NEW

ACCA ACCORDION SHUTTER DETAILS

ROLLADEN INC.
550 ANSIN BLVD.
HALLANDALE, FL. 33009
TEL. (954) 757-8591 FAX. (954) 454-1577

no	date	by	description
A	1.26.95	H	SHEET 2 REVISED
B	05.23.03		ANCHOR CHARTS REV.
C	10.23.03		NO CHANGE THIS SHEET
D	11.05.05		UPDATED FOR 2004 FBC
E	07.12.06		REV. PER BCCO COMMENTS

date: 10-25-94
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
94-83
sheet 5 of 5